

AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A workflow defining system, comprising:
 - a state setting module, which at least sets a request form generating state, a debug department manager state, and a debug engineer state;
 - an instruction generating module, which generates a sending instruction, a receiving instruction and a returning instruction, and a debug completing instruction for the request form generating state, the debug department manager state, and the debug engineer state, respectively; and
 - a path generating module, which generates a first path, a second path, a third path, and a fourth path according to the sending instruction, the receiving instruction, the returning instruction, and the debug completing instruction, wherein the first path points from the sending instruction to the debug department manager state, the second path points from the receiving instruction to the debug engineer state, the third path points from the returning instruction to the request form generating state and the fourth path points from the debug completing instruction to a generated fourth state or a work finishing state,
- wherein personnel of the debug request form generating department select instructions generated for the request form generating state, for execution, only on a first terminal device having the sending instruction, a manager of a debug department selects instructions generated for the debug department manager state, for execution, only on a second terminal device having the receiving instruction and the returning instruction, and a debug engineer selects instructions generated for the

~~debug engineer state, for execution, only on a third terminal device having the debug completing instruction are shown on a first terminal device, a second terminal device, and a third terminal device, respectively, so that the sending instruction, the receiving instruction, the returning instruction or the debug completing instruction is selected to be executed.~~

2. (Previously Presented) The workflow defining system according to claim 1, wherein:

data of the request form generating state are output from the request form generating state via the first path when the sending instruction is executed;

data of the debug department manager state are output from the debug department manager state via the second path when the receiving is executed;

data of the debug department manager state are output from the debug department manager state via the third path when the returning instruction is executed; and

data of the debug engineer state are output from the debug engineer state via the third path when the debug completing instruction is executed.

3. (Canceled)

4. (Currently Amended) The workflow defining system according to claim 1, wherein:

~~the state setting module adds a work finishing state;~~

the instruction generating module generates a re-starting instruction for the work finishing state; and

the path generating module generates a fifth path according to the re-starting instruction, the fifth path pointing from the re-starting instruction to the debug department manager state.

5. (Previously Presented) The workflow defining system according to claim 4, wherein:

the instruction generating module generates a completion confirming instruction for the debug department manager state, the path generating module generates a sixth path according to the completion confirming instruction, and the sixth path points from the completion confirming instruction to the work finishing state, wherein the instruction generating module generates a re-signing instruction for the debug engineer state, the path generating module generates a seventh path according to the re-signing instruction, and the seventh path points from the debug engineer state to the debug department manager state.

6. (Previously Presented) The workflow defining system according to claim 1, further comprising:

a path altering module, which alters the fourth path to point to the debug department manager state.

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Previously Presented) The workflow defining system according to claim 1, wherein:

added data are input from the terminal device to the request form generating state, the debug department manager state, or the debug engineer state.

11. (Currently Amended) A workflow managing system, comprising:

at least three terminal states, which at least comprise a request form generating state, a debug department manager state, and a debug engineer state;

at least four instructions, which at least comprise a sending instruction, a receiving instruction and a returning instruction, and a debug completing instruction, wherein the sending instruction, the receiving instruction and the returning instruction, and the debug completing instruction are set according to the request form generating state, the debug department manager state, and the debug engineer state, respectively; and

at least four path, which at least comprise a first path, a second path, a third path, and a fourth path, wherein the first path, the second path, the third path and the fourth path are generated according to the sending instruction, the receiving instruction, the returning instruction, and the debug completing instruction, respectively, and the first path points from the sending instruction to the debug department manager state, the second path points from the receiving instruction to the debug engineer state, the third path points from the returning instruction to the request form generating state and the forth path point from debug completing instruction to a generated fourth state or a work finishing state,

wherein personnel of the debug request form generating department select instructions generated for the request form generating state, for execution, only on a first terminal device having the sending instruction, a manager of a debug department selects instructions generated for the debug department manager state, for execution, only on a second terminal device having the receiving instruction and the returning instruction, and a debug engineer selects instructions generated for the debug engineer state, for execution, only on a third terminal device having the debug completing instruction ~~are shown on a first terminal device, a second terminal device, and a third terminal device, respectively, so that the sending instruction, the receiving instruction, the returning instruction or the debug completing instruction is selected to be executed.~~

12. (Previously Presented) The workflow managing system according to claim 11, wherein:

data of the request form generating state are output from the request form

generating state via the first path when the sending instruction is executed;

data of the debug department manager state are output from the debug department manager state via the second path when the receiving instruction is executed;

data of the debug department manager state are output from the debug department manager state via the third path when the returning instruction is executed; and

data of the debug engineer state are output from the debug engineer state via the fourth path when the debug completing instruction is executed.

13. (Previously Presented) The workflow managing system according to claim 11, further comprising:

a work finishing state;

a re-starting instruction, which is generated according to the work finishing state; and

a fifth path, which is generated according to the re-starting instruction, wherein the fifth path points from the re-starting instruction to the debug department manager state.

14. (Previously Presented) The workflow managing system according to claim 13, further comprising:

a completion confirming instruction, which is generated according to the debug department manager state; and

a sixth path, which is generated according to the completion confirming instruction, wherein the sixth path points from the completion confirming instruction to the work finishing state.

15. (Previously Presented) The workflow managing system according to claim 11, further comprising:

a re-signing instruction, which is set according to the debug engineer state ;
and

a seventh path, which is generated according to the re-signing instruction,
wherein the seventh path points from the re-signing instruction to the debug
department manager state.

16. (Previously Presented) The workflow managing system according to
claim 11, wherein:

the fourth path could be altered to point to the debug department manager
state.

17. (Canceled)

18. (Canceled)

19. (Previously Presented) The workflow managing system according to claim
11, which cooperates with a user, wherein:

receives a selection of the user, which selects the sending instruction, the
receiving instruction, the returning instruction or the debug completing instruction
from the request form generating state, the debug department manager state or the
debug engineer state, so as to execute the sending instruction, the receiving
instruction, the returning instruction, or the debug completing instruction.

20. (Previously Presented) The workflow managing system according to
claim 19, wherein:

the request form generating state, the debug department manager state or
the debug engineer state could receive an added data input by the user.